

CIC #: 99EPA EPA SUPERFUND PROGRAM

Billed Date: 05-Mar-2014

Customer Order Number: DW96942125

PASSAIC CPG OVERSIGHT 147757 BZ761
EPA 598VOUCHER FOR TRANSFERS
BETWEEN APPROPRIATIONS AND/OR FUNDS (AR 37-1)

Mission Assignment No:

D.O. Voucher No.

BU. Voucher No.

Bill No.

Paid By Check No.

Collection Vou. No.

27066728

Partial # 81 03-Feb-2014 Thru 05-Mar-2014

Billed Office (Mail To):

U S ENVIRONMENTAL PROTECTION AGENCY
ACCOUNTING OPERATIONS OFFICE
26 W MARTIN LUTHER KING DRIVE
CINCINNATI OH 45268-7002

Billing Office (Send Remittance To):

USACE FINANCE CENTER G5
KANSAS CITY DISTRICT G5
5720 INTEGRITY DRIVE

MILLINGTON TN 38054-5005

Billed Accounting Classification

068 068 X 8145.0000 2007 00 0000 000000000000 00000

Billing Accounting Classification

\$112,169.77 096 NA X 3122.0000 G5 08 2416 868 022125 96231

\$112,169.77

Line Item	Moa	Description	Eaid No	Amount
1	CONTRACT - OUTSIDE GOVERNMENT	PVT SCTR CONTRACTUAL ARCHITECTURAL & ENGINEERING SERVICES (AE CONTRACTOR EARNINGS)		\$100,796.00
1	CONTRACT - OUTSIDE GOVERNMENT	TRANSP OF GOVT EMPLOYEES OR OTHERS, PERDIEM ALLOW IN TVL STATUS & OTH INCIDENTAL TRVL EXP		\$1,613.58
1	INHOUSE - LABOR	DEPARTMENTAL OVERHEAD COSTS		\$2,891.91
1	INHOUSE - LABOR	GENERAL AND ADMINISTRATIVE OVERHEAD COSTS		\$843.47
1	INHOUSE - LABOR	LABOR		\$6,024.81
Subtotal:				\$112,169.77

CORPS CERTIFICATION

"I CERTIFY THAT THE ABOVE ARTICLES WERE DELIVERED AND OR THE SERVICES PERFORMED AS STATED AND THAT THE PAYMENT REQUESTED IS CORRECT TO THE BEST OF MY KNOWLEDGE, AND SHOULD BE PAID AND CHARGED TO THE APPROPRIATION(S) OR FUNDS AS INDICATED."

25 Mar 14 *Elizabeth A Franklin*
DATE SIGNATURE
Elizabeth A Franklin
Project Manager

Total Billed Amount:	\$112,169.77
Less Partial Amount Paid:	\$0.00
Payment Due Date: 04-Apr-2014	Pay This Amount: \$112,169.77

Funds Authorized:	\$10,900,000.00	CERTIFICATE OF OFFICE BILLED I certify that the above articles were received and accepted or the services performed as stated and should be charged to the appropriation(s) and/or fund(s) as indicated above, or that the advance payment requested is approved and should be paid as indicated. Date: _____ Authorized Administrative or Certifying Officer
Total Billed Amount:	\$8,112,446.56	
Prev Billed Amount:	\$8,000,276.79	
Current Billed Amount:	\$112,169.77	
Total Flux Billed:	\$0.00	
Prev Flux Billed:	\$0.00	
Current Flux Billed:	\$0.00	

msfcr.2.1.16 175
99EPA

Page: 63
Date: 06-MAR-2014
Time: 07:36:39

PROCESS REPORT

KANSAS CITY DISTRICT
DIAMOND ALKALI, (LOWER PASSAIC RIVER), NJ
IA Number: DW96942125

MONTHLY REPORT FOR FEBRUARY 2014

	Revised Reimbursable (096X3122)	Direct Fund Cite	IA Totals (096X3122)
STATEMENT OF CHARGES FOR PERIOD:			
Total Funds Authorized:	\$10,900,000.00	\$0.00	\$10,900,000.00
Less Total Expenditures: (-)	\$8,112,446.56	\$0.00	\$8,112,446.56
Less Undelivered Orders: (-)	\$2,433,229.23	\$0.00	\$2,433,229.23
Less Commitments: (-)	\$27,992.59	\$0.00	\$27,992.59
Funds Available Balance:	\$326,331.62	\$0.00	\$326,331.62

BILLING ACTIVITY (096X3122):

Bill Number:	27066728
Funds Expended During Report Period:	\$112,169.77
Total Billed to Date:	\$8,112,446.56

DIRECT FUND CITE PAYMENTS:

Funds Expended During Report Period:	\$0.00
Total Expended to Date:	\$0.00

FOR OFFICIAL USE ONLY (FOUO)

FOIA_08606_0003004

msfcr.2.1.16 175
99FPA

Page: 64
Date: 06-MAR-2014
Time: 07:36:39

PROGRESS REPORT

KANSAS CITY DISTRICT
DIAMOND ALKALI, (LOWER PASSAIC RIVER), NJ
IA Number: DW96942125

Bill Number: 27066778
Bill Invoice Date: 05-MAR-2014

Monthly Billing Amount(096X3122): \$112,169.77

Monthly Direct Fund Cite Contract Cost(068X8145): \$0.00

Budget Categories

	Costs for Current Month	Prior Month's Summary	Project Costs to Date
a Personnel	\$3,852.18	\$150,799.10	\$154,651.28
b Fringe Benefits	\$2,172.63	\$79,965.39	\$82,138.02
c Travel	\$1,613.58	\$13,805.82	\$15,419.40
d Equipment	\$0.00	\$0.00	\$0.00
e Supplies	\$0.00	\$0.00	\$0.00
f Procurement	\$100,796.00	\$7,431,369.38	\$7,532,165.38
g Construction	\$0.00	\$0.00	\$0.00
h Other	\$0.00	\$179,439.13	\$179,439.13
i Total Direct Charges	\$108,434.39	\$7,855,378.82	\$7,963,813.21
j Total Indirect Charges	\$3,735.38	\$144,897.97	\$148,633.35
k TOTAL	\$112,169.77	\$8,000,276.79	\$8,112,446.56

LABOR BREAKOUT FOR MONTH:

Individual	Location	Function	Hours	Labor Amount
HEATHER N MORROW	KANSAS CITY DISTRICT	CONTRACT SPECIALIST	3.00	\$328.46
JAMES M. ARMSTRONG	KANSAS CITY DISTRICT	PROGRAM ANALYST	5.00	\$408.13
ELIZABETH FRANKLIN	KANSAS CITY DISTRICT	HTRW PROJECT MANAGER	52.50	\$6,780.71

FOR OFFICIAL USE ONLY (FOUO)

FOIA_08606_0003005

mslcr.2.1.16 175
99EPA

Page: 65
Date: 06-MAR-2014
Time: 07:36:39

PROGRESS REPORT

KANSAS CITY DISTRICT
DIAMOND ALKALI, (LOWER PASSAIC RIVER), NJ

LABOR BREAKOUT FOR MONTH:

Individual	Location	Function	Hours	Labor Amount
WILLIAM J. HILL	KANSAS CITY DISTRICT	CONTRACT SPECIALIST	19.25	\$1,716.93
GARY S. RIZZOLO	KANSAS CITY DISTRICT	CONTRACT SPECIALIST	4.00	\$402.80
LYNN M. THOMAS	KANSAS CITY DISTRICT	CONTRACT SPECIALIST	1.00	\$123.16
TOTAL LABOR:			24.25	\$2,242.89

FOR OFFICIAL USE ONLY (FOUO)

FOIA_08606_0003006

Progress Report for EPA Region II

upSite:	Diamond Alkali, Lower Passaic River (Extended Study): RI/FS Oversight, New Jersey		Phase:	RI/FS, OU4	
Bill No.:	Partial #81 27066728	IAG No.: NWK	IAG: DW96942125/BZ761 IAG Award Date: 8/31/07	IAG Expiration Date: 3/31/18	Other Corps P2 #147757/FWI 96B4B2
Reporting Period:	From: February 3, 2014	To: March 5, 2014	EPA RPM Stephanie Vaughn	USACE PM Elizabeth Franklin	
Work Performed					

Work Performed	<ul style="list-style-type: none"> • On 4 and 18 Feb 2014, participated in project progress conference calls with EPA/COE/CDM/LB/HQI/BAT. • Funding. On 7 Feb 14, IA Amendment I for \$900,000 was received. • On 6 Feb 14, traveled to NJ and attended the LPRSA Technical Meeting. • On 12 Feb 14, participated in conference call to discuss the background reference status. • On 12 Feb 14, participated in conference call regarding the data overview and CDM update on progress with regard to plotting and presenting data. • Invoices. TO 0005. <ul style="list-style-type: none"> • On 25 Feb 14, reviewed and approved CDM Invoice #21, totaling \$100,796, for period 24 Nov – 28 Dec 13. In review of invoiced, noted several comments to F. Tsang for response; payment not held and responses received and included with the invoice. • Schedule. <ul style="list-style-type: none"> • On 9 Feb 14, received updated list of submittals from S. Vaughn. • On 3 Mar 14, received updated list of submittals from S. Vaughn. • Task Order 0005/WVN&ATP. <ul style="list-style-type: none"> ○ On 14 Feb 14, Contract Modification 5 was awarded for \$900,000. • Task Order 0005/Subcontract. <ul style="list-style-type: none"> ○ Scoping of work tasks occurred with J. Clough. ○ Discussed process with project managers to scope and get proposals from J. Clough for modeling support. ○ On 11 Feb 14, held team call to discuss the scope and schedule of upcoming modeling work. • River Mile 10.9. <ul style="list-style-type: none"> ○ On 5, 12, 19 and 26 Feb 14, participated in weekly managers conference calls to discuss dredging and capping status. • Preparation of Progress Report and Project Expenditure spreadsheet.
Key Meetings This Period	<ul style="list-style-type: none"> • Regular project progress calls. • Other project calls and meetings as noted throughout this progress report.

Progress Report for EPA Region II

<p>Key Contract Milestones Completed to Date</p>	<ul style="list-style-type: none"> • MPI Task Order 0020: Contract W912DQ-06-D-0006, Expiration Date – 19 Sep 2012 <ul style="list-style-type: none"> • 21 Sep 07 – Base Task Order, CPG RI/FS Oversight awarded for \$349,601. • 19 Jun 08 – Modification 01, CPG RI/FS Oversight was awarded for \$274,903. • MPI Task Order 0010: Contract W912DQ-08-D-0017, Expiration Date – 15 Jan 2014 <ul style="list-style-type: none"> • 16 Jan 09 – Base Task Order, CPG RI/FS Oversight was awarded for \$65,000. • 5 Mar 09 – Modification 0001 was awarded for \$69,772. • 24 Jun 09/1 Jul 09 - Modification 0002 was awarded for \$49,756 (verbal on 24 Jun/written on 1 Jul). • 3 Aug 09 – Modification 0003 was awarded for \$378,843. • 28 Aug 09: Contract Mod 4 was awarded, totaling \$279,277. • 1 Sep 09, Mod 5 (admin in nature) was signed. • 29 Dec 09, Mod 6 was awarded, totaling \$211,881. • 9 Jul 10, Mod 7 was awarded, totaling \$52,890. • 28 Dec 10, Mod 8 was awarded, totaling \$54,473. • CDM Task Order 0014: Contract W912DQ-08-D-0018, Expiration Date – 30 Jul 2014 <ul style="list-style-type: none"> • 3 Aug 09 – Base Task Order, CPG RI/FS Oversight was awarded for \$160,000 (verbal was given 31 Jul 09) • 22 Aug 09: Contract Mod 1/TO 0014 was issued, totaling \$175,902. • 25 Aug 09; Mod 2 (admin in nature) was signed. • 23 Dec 09; Mod 3 was awarded, totaling \$493,000. • 3 Mar 10; Mod 7 was awarded, totaling \$283,000. (Numbering out of order due to electronic system error.) • 14 May 10; Mod 8 was awarded, totaling \$140,000. • 9 Jun 10; Mod 9 was awarded, totaling \$375,000. • 21 Oct 10, Mod 10 was awarded, totaling \$362,923 (note \$63,000 of this funding is from IA 2023). • 27 Dec 10, Mod 11 was awarded, totaling \$74,426 (note funding split as follows: \$50,000 is Passaic FFS, IA 1975 and \$24,426 is Newark Bay, IA 2023). • 4 May 11, Mod 12 was awarded, totaling \$682,426 (note funding split as follows: \$645,000 is IA 2023 and \$37,426 is IA1975). • 19 Sep 11, Mod 13 was awarded, totaling \$150,000. • CDM Task Order 0005; Contract W912DQ-11-D-3004, Expiration Date – 15 Dec 2016 <ul style="list-style-type: none"> • 15 Dec 11 – Base Task Order, CPG RI-FS Oversight was awarded for \$770,000 • 24 Jan 12 – Mod 1 (admin in nature) was signed. • 1 Jun 12 – Mod 2 was awarded, totaling \$1,059,312. • 7 Jan 13 – Mod 3 was awarded, totaling \$1,500,000. • 11 Jul 13 – Mod 4 was awarded, totaling \$1,250,000. • 14 Feb 14 – Mod 5 was awarded, totaling \$900,000.
---	--

Progress Report for EPA Region II

<p><i>Contractor Actions/ Accomplishments</i></p>	<p>CDM</p> <ul style="list-style-type: none"> • Management. CDM participated in progress calls as noted throughout this report, prepared the CDM progress report, invoice, participated in conference call to discuss modeling oversight, established subcontracts with technical experts and continued management tasks. Additional information may be found in the CDM Progress Report covering period January 26 – February 22, 2014. Information is also contained in daily email reports provided by CDM during specific fieldwork oversight efforts. • CPG Fieldwork Planning Documents & Technical Support. <ul style="list-style-type: none"> ○ Follow up work on figures showing mean Hazard Quotient. • CDM Fieldwork Oversight. <ul style="list-style-type: none"> ○ Completed split sample evaluation of CWCM from high flow data sets events and round 5 of sampling. ○ Continued review of CPG high volume sample results and data validation reports. ○ Continued split same evaluation of CWCM routine data sets. ○ Continued validation and evaluation of background split tissue sample data. ○ Continued preparation of the field sampling summary report for SSP2 sampling event and validation of split sample data. • CDM Fieldwork Oversight Reporting. <ul style="list-style-type: none"> ○ Reviewed CPG Low Resolution Coring Supplemental Sampling Program Characterization Summary, dated December 2013. ○ Initiated review of CPG Draft Small Volume Chemical Water Column Monitoring Sampling Program Characterization Summary, dated February 2014. ○ Initiated review of the CPG Draft High Volume Chemical Water Column Monitoring Sampling Program Characterization Summary, dated February 2014. • CDM Data Manager/Website/Digital Library. <ul style="list-style-type: none"> ○ Finalized review of historical data set study identification against current database. ○ Finalized extraction and posting of data sets onto public website. ○ Provided data management support to extract data sets for EPA. • CSO/SWO Sampling Oversight <ul style="list-style-type: none"> ○ Received preliminary data from second sampling round. ○ Reviewed electronic data deliverable error log. • CPG Risk Assessment • Modeling. <ul style="list-style-type: none"> ○ On 3 Feb 14, conference call with EPA regarding modeling collaboration. ○ On 13 Feb 14, conference call with CPG on bioaccumulation modeling. ○ On 12 Feb 14, conference call to review CPG data analysis for development of SWAC. ○ Review of CPG model outputs (including bioaccumulation model). • River Mile 10.9 Removal Action Oversight. <ul style="list-style-type: none"> ○ Reviewed Revised Capping Plan for Geotextile, Armor Stone & Habitat Layer Installation, Revision 10; dated 31 Jan 2014. ○ No oversight due to weather conditions. ○ On 5, 12, 19 and 26 Feb 14, participated in oversight management calls. • Data Evaluation. <ul style="list-style-type: none"> ○ Continued work on detailing 3D model. ○ Continued to formulate data presentation plans and evaluate approaches to visualize and demonstrate site conditions. ○ Generated figure and table collections for Partner Agencies. ○ On 28 Jan 14, participated in conference call to review RI/FS data evaluation status. ○ On 12 Feb 14, participated in conference call with Partner Agencies to review information and evaluations to date.
---	--

Progress Report for EPA Region II

Work, Meetings, Milestones FY2012/2013.

<i>Narrative</i>	<ul style="list-style-type: none"> 17 Mile CPG Schedule. On 19 Dec 13, the CPG submitted current version of schedule. On 9 Feb & 3 Mar 14, S. Vaughn provided updated schedules of deliverables. RM 10.9 Schedule. Ongoing schedule updates provided by the CPG with regard to the RM 10.9 work. Delays have occurred due to technical difficulties and weather impacts.
------------------	--

Projected Work, Meetings Milestones FY2013. Current Status of Work Products (cont.)

<i>Meetings</i>	<ul style="list-style-type: none"> Continuation of bi-weekly progress calls and additional coordination meetings/conference calls with CPG.
<i>Key Milestones Forthcoming</i>	<ul style="list-style-type: none"> As noted in the CPG 17 mile schedule.
Issues	
<i>Technical:</i>	<ul style="list-style-type: none"> Issues are worked in an ongoing basis as discussions held between the EPA and CPG.
<i>Schedule</i>	<ul style="list-style-type: none"> EPA discusses schedule items with the CPG as needed.
<i>Funding:</i>	<ul style="list-style-type: none"> None at this time.

**IAG Summary: Technical Assistance
Amendment Funding**

USACE	Direct Fund Cite	Amend #	Date	USACE	Direct Fund Cite	Total IAG
410,000	0	Initial	9/6/07	-	-	\$ 410,000
290,000	0	1	6/3/08	-	-	\$700,000
75,000	0	2	12/31/08	-	-	\$775,000
85,000	0	3	2/19/09	-	-	\$860,000
50,000	0	4	6/23/09	-	-	\$910,000
576,665	0	5	7/27/09	-	-	\$1,486,665
500,000	0	6	8/7/09	-	-	\$1,986,665
789,000	0	7	12/1/09	-	-	\$2,775,665
300,000	0	8	2/24/10	-	-	\$3,075,665
140,000	0	9	4/27/10	-	-	\$3,225,665
510,000	0	0	5/24/10	-	-	\$3,735,665
400,000	0	0	9/14/10	-	-	\$4,135,665
745,000	0	0	4/8/11	-	-	\$4,880,665
150,000	0	0	8/31/11	-	-	\$5,030,665
850,000	0	0	11/12/11	-	-	\$5,880,665
1,124,335	0	0	5/14/12	-	-	\$7,005,000
1,650,000	0	0	12/6/12	-	-	\$8,655,000
1,345,000	0	0	5/31/13	-	-	\$10,000,000
900,000	0	0	2/7/14	-	-	\$10,900,000

Progress Report for EPA Region II

Summary of Funds Spent Per Activity & Funding Remaining				
Description	Funds for Activity	Funds Disbursed this Month	Funds Disbursed to Date	Funds Remaining
MPI: Contract W912DQ-06-D-0006; Task Order 0020; awarded 21 Sep 07	\$349,601.00	\$0.00	\$349,601.00	\$0.00
MPI: Contract W912DQ-06-D-0006; Task Order 0020/Mod 1; awarded 19 Jun 08	\$274,903.00	\$0.00	\$267,213.93	\$7,689.07
MPI: Contract W912DQ-08-D-0017; Task Order 0010; awarded 16 Jan 09	\$65,000.00	\$0.00	\$65,000.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 1; awarded 5 Mar 09	\$69,772.00	\$0.00	\$69,772.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 2; awarded 24 Jun 09	\$49,756.00	\$0.00	\$49,756.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 3; awarded 3 Aug 09	\$378,843.00	\$0.00	\$378,843.00	\$0.00
MPI: Contract W912DQ-08-D-0017; Task Order 0010/Mod 4; awarded 28 Aug 09	\$279,277.00	\$0.00	\$279,277.00	\$0.00
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 6; awarded 29 Dec 09 ^{Note 1}	\$211,881.00	\$0.00	\$211,881.00	\$0.00
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 7; awarded 9 Jul 10	\$52,892.00	\$0.00	\$52,892.00	\$0.00
MPI/LBG: Contract W912DQ-08-D-0017; Task Order 0010/Mod 8; awarded 28 Dec 10	\$54,473.00	\$0.00	\$19,780.45	\$34,692.55
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Base Contract; awarded 6 Aug 09 (verbal 31 Jul 09)	\$160,000.00	\$0.00	\$160,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 1; awarded 22 Aug 09	\$175,902.00	\$0.00	\$175,902.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 3; awarded 23 Dec 09 ^{Note 2}	\$493,000.00	\$0.00	\$493,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 7; 3 Mar 10 ^{Note 3}	\$283,000.00	\$0.00	\$283,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 8; awarded 14 May 10	\$140,000.00	\$0.00	\$140,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 9; awarded 9 Jun 10	\$375,000.00	\$0.00	\$375,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 10; awarded 21 Oct 10 ^{Note 4}	\$299,923.00	\$0.00	\$299,923.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 11; awarded 27 Dec 10 ^{Note 5}	See note 5	\$0.00	\$0.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 12; awarded 4 May 11 ^{Note 6}	\$645,000.00	\$0.00	\$645,000.00	\$0.00
CDM: Contract W912DQ-08-D-0018; Task Order 0014/Mod 13; awarded 19 Sep 11	\$150,000.00	\$0.00	\$137,307.00	\$12,693.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Base TO; awarded 15 Dec 11	\$770,000.00	\$0.00	\$770,000.00	\$0.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 2; awarded 1 Jun 12	\$1,059,312.00	\$0.00	\$1,059,312.00	\$0.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 3; 7 Jan 13	\$1,500,000.00	\$100,796.00	\$1,249,705.00	\$250,295.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 4; awarded 11 Jul 13	\$1,200,000.00	\$0.00	\$0.00	\$1,200,000.00
CDM: Contract W912DQ-11-D-3004; Task Order 0005/ Mod 5; awarded 14 Feb 14	\$900,000.00	\$0.00	\$0.00	\$900,000.00
LBG: Contract W912DQ-11-D-3009; Task Order 0001/ Mod 7; awarded 15 Dec 11	\$11,522.00	\$0.00	\$0.00	\$11,522.00
Contract Funds Available	\$62,042.00	\$0.00	\$0.00	\$62,042.00
Subtotal - Summary of Contracts; awarded and avail. (total reflects blocks e + f + g on Page 2 IAG)	\$10,011,099.00	\$100,796.00	\$7,532,165.38	\$2,478,933.62

Progress Report for EPA Region II

Description	Funds for Activity	Funds Disbursed this Month	Funds Disbursed to Date	Funds Remaining
Kansas City Corps In-House Labor/Travel - 17 Mile	\$694,439.23	\$10,885.76	\$377,543.28	\$293,582.21
Kansas City Corps In-House Labor/Travel - RM 10.9		\$488.01	\$23,313.74	
Superfund M&S Fee - 17 Mile	\$99,674.34	\$0.00	\$94,991.69	\$0.00
Superfund M&S Fee - RM 10.9		\$0.00	\$4,682.65	
MIPR/ERDC - Hayter/Gailani; CPG Modeling Support	\$58,287.43	\$0.00	\$58,287.43	\$0.00
MIPR/ERDC - Estes; Decon Technology Support	\$24,500.00	\$0.00	\$21,462.39	\$3,037.61
MIPR/ERDC - Hayter (replaces MIPR above/updated office symbols)	\$12,000.00	\$0.00	\$0.00	\$12,000.00
Subtotal - Summary of Labor/M&S Fee	\$888,901.00	\$11,373.77	\$580,281.18	\$308,619.82
Grand Total - Contract/Corps	\$10,900,000.00	\$112,169.77	\$8,112,446.56	\$2,787,553.44

Notes on above table:

Note 1: MPI/LBG TO 0010 Mod 5 is admin, zero dollar mod

Note 2: CDM TO 0014 Mod 2 is admin, zero dollar mod.

Note 3: CDM TO 0014 Mods 4, 5, & 6 were skipped in system numbering

Note 4: CDM TO 0014/Mod 10 totals \$362,923; \$63,000 is Newark Bay funding for IT transition.

Note 5: CDM TO 0014/Mod 11 totals \$74,426; \$50,000 is Passaic FFS funding and \$24,426 is Newark Bay funding for IT transition.

Note 6: CDM TO 0014/Mod 12 totals \$682,426; \$37,426 is Passaic FFS funding for IT/transition.

IAG Scope of Work Summary (block 13 of IAG)

This amendment obligates \$XX (see amounts above for base and amendments) to the U.S. Army Corps of Engineers - Kansas City District to provide/continue oversight of the CPG's performance of Remedial Investigation and Feasibility Study at the Diamond Alkali OU4 Superfund Site (EPA ID: NJD980528996)

Project Delivery Team

Name	Contact Information	Responsibility
Beth Franklin	(816) 389-3581 Cell: (816) 695-5797	Project Manager
Josh Hill	(816) 389-3803	Contract Specialist
Shelley Thomas	(816) 389-3842	Contracting Officer
Jason Shippy	(816) 389-3721	Attorney
Julia Kisser	(816) 389-3874	COR

Prepared by: Elizabeth Franklin
Project Manager
24 March 2014

PROGRESS REPORT

Site Name: Lower Passaic River Restoration Project and & Superfund Site
Project: Task Order 6424.005 CPG Oversight
Prepared by: Frank Tsang
Representing: CDM Federal Programs Corporation (CDM Smith)
Date: January 13, 2014 (revised December 31, 2014)
Reporting Period: November 24, 2013 to December 28, 2013

The following structures reflect the WBS from TO 6424.005.

1. **Progress Made this Reporting Period** – CDM Smith performed the following activities during this period:

WAD 1, Work Order (WO) 1 – Project Management and Administration

1.1.1 Project Management

- CDM Smith performed project management including staffing, financial monitoring, invoicing, and participated in conference calls.
- On December 12, 2013, CDM Smith participated in a conference call with the USEPA and USACE to discuss upcoming 2014 work for funding requirement.

1.1.2 Project Support Documentation & Administration

- CDM Smith prepared and submitted the monthly progress report.

1.1.3 Subcontract Administration

- CDM Smith processed subcontractor invoices (HDR | HQI, Shealy Environmental, and Richard Chappell).

1.1.4 Project Communication

- On December 3 and 19, 2013, CDM Smith participated in bi-weekly conference calls.

WAD 1, WO 2 – Community Relations/Public Website

1.2.1 Public Meeting Support

- No activity.

WAD 1, WO 3 – Senior Technical Advisors

1.3.1 Senior Technical Advisor

- The subcontracts for Bob Ambrose and Alan Blumberg have expired. CDM Smith will issue a new subcontract to each of them when scope and schedule are available. Roger Flood and Dominic Di Toro are on board as TAC members.
- No activity. No cost has been incurred under this WE to date, therefore no invoice sheet for this WE.

Item	TAC Member	TAC Member Subcontract Ceiling*	Authorized Funding	Payment this Period	Payment to Date	Remarks
1	Ambrose	\$0	\$0	\$0	\$0	POP expired 8/15/2013
2	Blumberg	\$0	\$0	\$0	\$0	POP expired 8/1/2013
3	Flood	\$1,042	\$0	\$0	\$0	POP expires 11/30/2016
4	Di Toro	\$8,200	\$0	\$0	\$0	POP expires 11/30/2016
Total		\$9,242	\$0	\$0	\$0	

*Subcontract Ceiling represents "available subcontract capacity" on each TAC member's respective subcontract. A subcontract modification is required when the dollar value of requested work exceeds a TAC Member's Subcontract Ceiling.

WAD 1, WO 4 – Technical Support

1.4.1 Technical Support

- Continued work on tables and figures showing mean Hazard Quotient for Lower Passaic River. These tables are being prepared in the same manner as the background tables for comparison.

WAD 2, WO 2 - Work Planning: Oversight & Communication

2.2.1 Technical Communication

- On December 17, 2013 participated in meeting at EPA NYC office to discuss FS Work Plan with CPG.

2.2.2 CPG Planning Documents Review

- No activity.

WAD 2, WO 3 – Field Work Sampling Oversight

2.3.1 CDM Smith Work Plan Preparation (QAPP & HASP)

- No activity.

2.3.2 Water Column, Chemical Data Oversight

- Continued validation of high flow and round 5 of the chemical water column monitoring study.
- Continued split sample evaluation of CWCM routine data sets and continued preparing and reviewing report tables.
- Continued review of CPG high volume sample results and data validation reports.

2.3.3 RM 10.9 Oversight

- Work element closed. See WAD 2 WO 7 for RM 10.9 oversight work.

2.3.4 LRC Supplemental Sampling Oversight

- Continued review of the statistical evaluation of split sample results and report preparation.
- Paid subcontract invoice (Environmental Science solutions).

2.3.6 Background Sampling Oversight

- Continued validation of background split tissue sample data.
- Continued evaluation of split sample sediment data.

2.3.7 LRC SSP2 Oversight

- Continued preparation of the field sampling summary report.
- Continued validation of split sample data.
- Paid analytical subcontractor costs for analysis of SSP2 split sediment samples.

WAD 2, WO 4 – Report/Products: Oversight and Communications

2.4.1 CPG Report Review

- On December 2, 2013, submitted review of the CPG Draft 2012 Sediment Toxicity Reference Data Report, dated October 22, 2013.
- On December 27, 2013, submitted review of CPG Periodic Bathymetry Survey, Fall 2011 Post Hurricane Irene Survey Report, dated March 2013, and the 2012 Periodic Bathymetry and Single Beam Survey Report, dated March 2013.
- Began review of the CPG Preliminary Draft Interim Conceptual Site Model, submitted on December 20, 2013.
- Continued review of the CPG Draft 2012 Sediment Chemistry Background Data Report.

WAD 2, WO 5 – Data Manager

2.5.1 Data Manager (Data/Information Transfer)

- Provided data management support to extract data sets for EPA.
- Initiated review of historical data set study identifications against current database task identifications in order to account for historical studies that may have been combined in the new task identification system. This is being done to account for data sets available for public when reports are released.

2.5.2 Database and Website Management

- Ongoing webpage support/and Enterprise interface support.
- Continued to provide webpage management support updating pages and announcements at the direction of the EPA.
- Paid EQuIS database user fee.

WAD 2, WO 6 – CSO/SWO Sampling Oversight

2.6.1 Planning Documents Review

- No activity.

2.6.2 CDM Work Plan Preparation

- No activity. No cost has been incurred under this WE to date, therefore no invoice sheet for this WE.

2.6.3 Laboratory Analysis and Coordination

- No activity.

2.6.4 Field Oversight and Collection of Split Samples

- On December 6, 7 and 9, 2013, oversaw sample collection and processing from Clay Street Phase 1 second sampling effort.

2.6.5 Split Sample Comparison Report

- No activity. No cost has been incurred under this WE to date, therefore no invoice sheet for this WE.

WAD 2, WO 7 – RM 10.9 Removal Action Oversight

2.7.1 Report Review/Technical Support

- Addressed various issues regarding capping operations, including how best to verify AquaGate+PAC™ content and active layer thickness.
- Began review of the RM 10.9 Revised Capping Plan for Geotextile, Armor Stone & Habitat Layer Installation submitted on December 27, 2013.

2.7.2 Remedial Action Oversight

- Participated in the weekly management meetings on November 27, December 4, 11, and 18, 2013.
- Performed oversight of the RM 10.9 capping efforts and removal of geotextile that was not successfully installed on November 25, 26, 30, and December 2, 5, 11 to 14, and 16 to 19, 2013.
- Reviewed multiple technical memoranda regarding the active cap layer including:
 - December 2, 2013 Armor Rock Evaluation Testing
 - December 3, 2013 Cap Thickness Field Verification Testing: Recommendation to Use AquaGate+PAC™ Thickness Criteria Rather than Criteria Based on % by Volume or Weight
 - December 5, 2013 Response to EPA Question Regarding the Technical Memorandum *Thickness Field Verification Testing: Recommendation to Use AquaGate+PAC™ Thickness Criteria Rather than Criteria Based on % by Volume or Weight*
 - December 9, 2013 RM 10.9 Cap Active/Sand Layer Composition: Determination by Core Testing and Mass Balance
 - December 11, 2013 Response to EPA Questions Regarding the Technical Memorandum titled *RM 10.9 Cap Active/Sand Layer Composition: Determination by Core Testing and Mass Balance*
 - December 16, 2013 RM 10.9 Removal Action: Evaluation of Capping Carbon Control Sample Results

2.7.3 Sampling Analysis

- Continued validation of the water quality monitoring split samples and post excavation sediment samples.

WAD 3, WO 1 - Modeling Support

- Project Management & Support
 - Prepared monthly invoice and write up.
- Bi-Weekly Conference Calls
 - No activity.
- Project Review Conference Calls & Mod Meetings

- No activity.
- Transfer of Model Codes/Support
 - A. ECOMSEDZLJS Model Support
 - No activity.
 - B. ST-SWEM & RCATOX Models
 - No activity.
 - C. Misc. Support 2010
 - Reviewed Moffat and Nichol code changes to bypass water column solids computation when for larger size classes when none are present in the water column.
 - Generated water year 2013 ST-SWEM and Contaminant inputs for transfer to CPG.
- Field Oversight
 - No activity.
- Modeling Oversight – on December 20, 2013 Received multiple hard drives with Hydro/sedtran/carbon/contaminant models and email with bioaccumulation model templates
 - Review of Fate & Transport Modeling – December 10, 2013 call with EPA and preparation of email detailing items requested for review related to CPG sustainable remedy model results presented to EPA Headquarters.

WAD 3, WO 2 - Modeling Collaboration with CPG

- Project Management and Support
 - No activity.
- Weekly Conference Calls/Meetings with CPG
 - Discussed potential ways to speed up sedtran code with Moffat and Nichol on December 3, 2013.
- Monthly Technical Meetings
 - No activity.
- Identify Model Differences
 - No activity.
- Data Action Items
 - No activity.
- Model Action Items
 - Investigated revised extraction of ADCP data for comparison to EPA and CPG water column solids model results.
- Communication with USEPA Project Team
 - No activity.

WAD 4, WO 3 – Review/Coordinate CPG Risk Assessment

- Reviewed 1998 REMAP report looking for the *Ampelisca abdita* % survival results for each individual location sampled in Jamaica Bay.

WAD 5, WO 2 – Data Evaluation

- Continued work on detailing 3D model.
- Continued to formulate data presentation plans and evaluate potential approaches to better visualize and demonstrate site conditions.

- Created human health and ecological risk assessment tables using refined sample list and updated ProUCL software.

2. **Anticipated Problems and Recommended Solutions** – None.

3. **Problems Resolved** – N/ A.

4. **Upcoming Events/Activities Planned** – CDM Smith will continue working on the following activities:

- Participate in bi-weekly calls.
- Review CPG and Tierra documents when received.
- Continue database management data upload.
- Provide support on CSO/SWO oversight.
- Provide support on RM 10.9 oversight.
- Continue to formulate data presentation plans.
- Continue evaluation of potential reference locations.
- Prepare lessons learned for RM 10.9.

5. **Key Staffing Changes** – None.

6. **Budget** – See attached cost spreadsheet for negotiated budget, funded amount, and expenditure details.

7. **Deliverables Submitted**

(For deliverables submitted prior to January 3, 2013, please see the April 2013 and earlier monthly reports.)

Title	Date Submitted
Submitted comments on River Mile 10.9 90 Percent Design	January 3, 2013
Submitted comments on RM 10.9 QAPP Addendum D	January 23, 2013
Submitted CDM Smith Field Change Request #13 - oversight of CPGs QAPP Addendum D Field Effort	February 13, 2013
Submitted comments on Updated Porewater SOPs RM 10.9 QAPP Addendum D	February 19, 2013
Submitted comments on Tierra's Validated Rinse Blank Results for the CSO/SWO sampling program	February 28, 2013
Submitted comments on Porewater SOP RM 10.9 QAPP Add D	March 1, 2013
Submitted comments on Draft Final RM 10.9 Design	March 22, 2013
Submitted comments on GW Seepage Measurement Field Mod	March 25, 2013
Submitted comments on CSO/SWO QAPP Revision 2	April 4, 2013
Submitted comments on RM 10.9 design draft WQMP	April 24, 2013
Submitted comments on Fall 2009 Benthic Invertebrate Community Survey and Benthic Field Data Collection, dated April 12, 2013	April 24, 2013
Submitted comments on Habitat Identification Survey Data Report, Fall 2010 Field Effort, dated April 12, 2013	April 24, 2013
Submitted comments on RM 10.9 Draft Water Quality Monitoring Plan	April 26, 2013

Title	Date Submitted
Submitted comments on RM 10.9 Removal Action Final Design Report	May 17, 2103
Submitted comments on RM 10.9 Draft Perimeter Air and Noise Monitoring Plan	May 23 & 28, 2013
Submitted comments on RM 10.9 Waterline Setback	May 24, 2013
Submitted comments on Tierra CSO/SWO Forensic Sample Results	May 16, 2013
Submitted comments on CPG Field Modification Form 130522-1 SSP2 Sediment Probing	May 29, 2013
Submitted comments on RM 10.9 Cap Design Review & Waterfront Development Permit Equivalent Conditions	June 3, 2013
Submitted comments on CSO-SWO LSM Method Blank Evaluation Report dated May 23, 2013	June 10, 2013
Submitted CDM Smith Field Change Request #14 – HV CWCM filtrate sample	June 12, 2013
Submitted comments on the RM 10.9 Final Design Response to Comments	June 13, 2013
Submitted comments on the RM 10.9 Final Design LTMM	June 13, 2013
Submitted comments on Pre-Dredge Bathymetry Survey Calibration & QC SOP	July 10, 2013
Submitted comments on Tierra's CSO /SWO QAPP Field Modifications dated June 6, 2013	July 12, 2013
Submitted comments on SV CWCM QAPP Addendum A WQM	July 15, 2013
Submitted comments on RM 10.9 Removal Action Operational Plans	July 16, 2013
Submitted comments on Response to RM 10.9 Design Comments	July 18, 2013
Submitted comments on Complete Pre-Dredge Bathymetry Survey	July 24, 2013
Submitted CDM Smith QAPP Addendum 13 WQM RM 10.9	August 9, 2013
Submitted comments on CPG Revised SSP2 Sampling Locations	August 13, 2013
Submitted comments on the bathymetry survey results	August 29, 2013
Submitted CDM Smith Field Change Request 15 Oversight of the CPG SSP2 Sampling	September 18, 2013
Submitted comments on the CPG Draft Low Resolution Coring Supplemental Sampling Program Addendum Sampling Program QAPP, September 2013	September 18, 2013
Submitted comments on RM 10.9 RA High Sub-Grade Sediment Sampling Plan, September 25, 2013	September 26, 2013
Submitted comments on CPG's RM 10.9 Post-Dredge Sediment Sampling Plan	October 4, 2013
Submitted comments on CPG Field Modification FM131009 for the SSP2 Sampling Event	October 15, 2013
Submitted comments on CPG Field Modification FM-131018 to move station 13B-0523	October 22, 2013
Submitted comments on CPG RM 10.9 Capping Plan	October 22, 2013
Submitted comments on CPG Draft 2012 Benthic Invertebrate Community Reference Data Report	October 24, 2013
Submitted comments on CPG Field Modification FM-13103-1 for	November 4, 2013

Title	Date Submitted
the SSP2 Sampling Event	
Submitted comments on CPG RM 10.9 Removal Action Water Quality Monitoring: Proposed Monitoring During Capping Operations	November 6, 2013
Submitted comments on CPG RM 10.9 Removal Action Cap Active Layer Monitoring: Approach for Carbon Analysis	November 20, 2013
Submitted comments on the CPG Draft 2012 Sediment Toxicity Reference Data Report, dated October 22, 2013	December 2, 2013
Submitted comments on CPG Periodic Bathymetry Survey, Fall 2011 Post Hurricane Irene Survey Report, dated March 2013, and the 2012 Periodic Bathymetry and Single Beam Survey Report, dated March 2013	December 27, 2013